

Converting Colors

YIQ(109.5850, -23.1560,
12.1720)

Have a look what the booklet for
YIQ(109.5850, -23.1560, 12.1720)
contains.

YIQ(109.5850, -23.1560, 12.1720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(109.5850, -23.1560,
12.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6C9C
RGB	95, 108, 156
RGB Percent	37%, 42%, 61%
CMY	0.6274, 0.5764, 0.3884
CMYK	0.39, 0.31, 0.00, 0.39
HSL	227°, 24%, 49%
HSV	227°, 39%, 61%
XYZ	16.0804, 15.5584, 33.5934
YIQ	109.5850, -23.1560, 12.1720

Conversions

Conversions Part 2

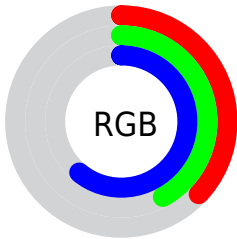
Format	Color
R _Y B	95, 106, 156
Decimal	6253724
CIE Lab	46.39, 7.62, -27.57
CIE LCh	46, 28.608, 285.443
Yxy	15.5584, 0.2465, 0.2385
Android (android.graphics.Color)	4284443804 (0xFF5F6C9C)
YUV	109.5850, 22.8826, -12.7910
Hunter-Lab	39.4441, 3.7429, -22.8847

Details

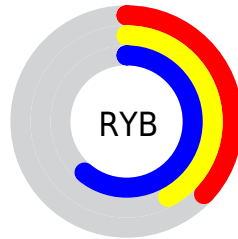
The YIQ color $109.5850, -23.1560, 12.1720$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $141.4150, 23.1560, -12.1720$, and the grayscale version is $109.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $161.6390, -23.2480, 13.8400$, and $60.8190, -23.9350, 9.7690$ is the 20% darker color. If you saturate the color by 10%, you get $97.7570, -29.3920, 15.0560$, and if you desaturate by 10%, it is $121.4130, -16.9200, 9.2880$.

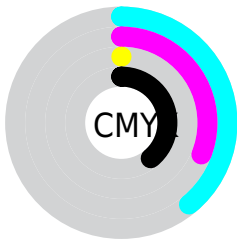
Distribution



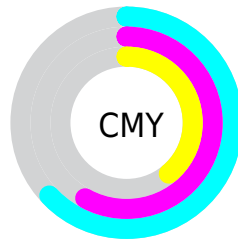
- Red (37%)
- Green (42%)
- Blue (61%)



- Red (37%)
- Yellow (42%)
- Blue (61%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (63%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.5850, -23.1560, 12.1720 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 109.5850, -23.1560, 12.1720 by changing the saturation by 10% instead.

■ 109.5850,
-23.1560, 12.1720

■ 109.5850,
-23.1560, 12.1720

■ 255.0000, -0.0000,
-0.0000

■ 85.0580, -23.1100,
11.3380

■ 161.6390,
-23.2480, 13.8400

■ 60.8190, -23.9350,
9.7690

■ 188.7530,
-23.5690, 14.1510

■ 37.0960, -26.2730,
8.0870

■ 215.3850,
-19.7170, 10.4190

■ 17.6510, -23.5220,
7.7900

■ 240.1930,
-10.7290, 1.7110

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,

0.0000

■ 109.5850,
-23.1560, 12.1720

■ 109.5850,
-23.1560, 12.1720

■ 97.7570, -29.3920,
15.0560

■ 121.4130,
-16.9200, 9.2880

■ 85.6410, -34.7570,
18.6750

■ 133.5290,
-11.5550, 5.6690

■ 73.8130, -40.9930,
21.5590

■ 145.3570, -5.3190,
2.7850

■ 62.2840, -46.6330,
24.6550

■ 156.8860, 0.3210,
-0.3110

■ 50.4560, -52.8690,
27.5390

■ 168.7140, 6.5570,
-3.1950

■ 38.0410, -58.8300,
30.9460

■ 181.1290, 12.5180,
-6.6020

■ 37.1550, -59.1510,
31.2570

■ 192.6580, 18.1580,
-9.6980

■ 204.4860, 24.3940,
-12.5820

■ 216.0150, 30.0340,
-15.6780

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101.4240, -50.9840, -1.1280



109.5850, -23.1560, 12.1720



112.8010, 2.8390, 20.1430

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



109.5850, -23.1560, 12.1720



110.2790, 38.8790, 5.7510



99.1170, -31.9070, -21.9790

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



109.5850, -23.1560, 12.1720



141.4150, 23.1560, -12.1720

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.5300, -5.2690, -20.1570



109.5850, -23.1560, 12.1720



109.0080, 31.9120, -5.6560

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109.5850, -23.1560, 12.1720



111.5320, 37.0890, 16.1690



106.7130, 16.3250, -15.0270



89.6970, -65.8350, -23.8430

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109.5850, -23.1560, 12.1720



113.0540, 18.2440, 21.7960



106.7130, 16.3250, -15.0270



100.9070, -22.5080, -21.6120

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



109.5850, -23.1560, 12.1720



185.6710, -9.0790, 4.8490



136.2790, -32.1830, -16.9750



91.3570, -5.3190, 2.7850



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.5850, -23.1560, 12.1720



131.2710, -36.5910, 18.8730



107.0370, -9.4490, 22.5750



73.0860, -3.1180, 1.4420



33.9120, -54.1530, 28.7830



3.4710, -5.6400, 3.0960

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



114.7210, 32.1830, 16.9750



139.0980, 50.4750, 26.8830



143.9630, 9.4490, -22.5750



73.6200, 4.1260, 2.3180



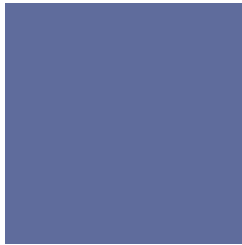
46.1770, 75.5980, 39.6460



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 109.5850, -23.1560, 12.1720 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 109.5850, -23.1560, 12.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

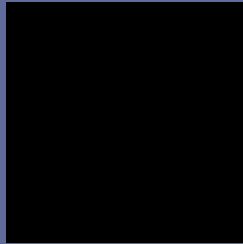
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

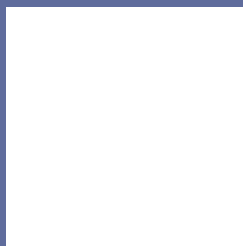
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 109.5850, -23.1560, 12.1720

Background



This preview shows how black text looks on a background with the YIQ color 109.5850, -23.1560, 12.1720.

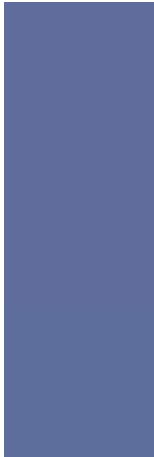


This preview shows how white text looks on a background with the YIQ color 109.5850, -23.1560,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

109.5850, -23.1560, 12.1720

Protanopia

109.5850, -23.1560, 12.1720

Deuteranopia

109.5740, -24.6230, 11.2250



Tritanopia

106.9530, -18.9810, -2.9250

Trichromacy



Original Color

109.5850, -23.1560, 12.1720

Protanomaly

109.5850, -23.1560, 12.1720

Deuteranomaly

109.8730, -24.0270, 11.4370

Tritanomaly

108.0440, -20.4950, 2.4890

Monochromacy



Original Color

109.5850, -23.1560, 12.1720

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8560, -8.1620, 4.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.5850, -23.1560, 12.1720 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 108, 156)` looks like.

```
.text, #text, p{  
    color:rgb(95, 108, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 108, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 108, 156) }
```

Border

The CSS property to change the border of an element to YIQ 109.5850, -23.1560, 12.1720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 108, 156) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 108, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 108, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 108, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 108, 156); box-shadow:4px 4px 4px 4px rgb(95, 108, 156) }
```

Background

The CSS property to change the background color of an element to YIQ 109.5850, -23.1560, 12.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 108, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 108,  
156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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